

AntonÃ- n LupÃ- Åjek

List of Publications by Year in descending order

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269
citing authors

#	ARTICLE	IF	CITATIONS
1	Embodied Energy and Global Warming Potential of Radon Preventive Measures Applied in New Family Houses. Smart Innovation, Systems and Technologies, 2022, , 57-68.	0.6	3
2	Czech Building Stock: Renovation Wave Scenarios and Potential for CO2 Savings until 2050. Energies, 2021, 14, 2455.	3.1	5
3	Major European Stressors and Potential of Available Tools for Assessment of Urban and Buildings Resilience. Sustainability, 2020, 12, 7554.	3.2	5
4	Recommendations for Developing a BIM for the Purpose of LCA in Green Building Certifications. Sustainability, 2020, 12, 6151.	3.2	27
5	Carbon budgets for buildings: harmonising temporal, spatial and sectoral dimensions. Buildings and Cities, 2020, 1, 429-452.	2.3	50
6	Environmental benchmarks for buildings: needs, challenges and solutions – 71st LCA forum, Swiss Federal Institute of Technology, Zürich, 18 June 2019. International Journal of Life Cycle Assessment, 2019, 24, 2272-2280.	4.7	38
7	Carbon Benchmark for Czech Residential Buildings Based on Climate Goals Set by the Paris Agreement for 2030. Sustainability, 2019, 11, 6085.	3.2	5
8	Selection of Favourable Concept of Energy Retrofitting Solution for Social Housing in the Czech Republic Based on Economic Parameters, Greenhouse Gases, and Primary Energy Consumption. Sustainability, 2019, 11, 6482.	3.2	6
9	Methodology for assessment of resilience of multifamily residential houses in central Europe. Journal of Physics: Conference Series, 2019, 1343, 012186.	0.4	1
10	Application of building design strategies to create an environmentally friendly building envelope for nearly zero-energy buildings in the central European climate. Energy and Buildings, 2018, 165, 35-46.	6.7	18
11	First Stepping Stones of Alternative Refurbishment Modular System Leading to Zero Energy Buildings. Energy Procedia, 2017, 111, 121-130.	1.8	7
12	Environmental impact comparison of a ventilated and a non-ventilated building-integrated photovoltaic rooftop design in the Netherlands: Electricity output, energy payback time, and land claim. Solar Energy, 2017, 155, 304-313.	6.1	11
13	Design strategies for buildings with low embodied energy. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2017, 170, 65-80.	0.7	11
14	Leichte Elementfassade auf Holzbasis zur Modernisierung von Nichtwohnhäusern. Stahlbau, 2016, 85, 321-333.	0.1	0
15	Development and Testing of Environmentally Friendly Envelope for Energy Efficient Buildings in the Czech Republic. Energy Procedia, 2015, 78, 285-290.	1.8	8
16	Carbon dioxide emissions embodied in international trade in Central Europe between 1995 and 2008. Moravian Geographical Reports, 2015, 23, 2-13.	1.2	7
17	Design Strategies for Low Embodied Carbon and Low Embodied Energy Buildings: Principles and Examples. Energy Procedia, 2015, 83, 147-156.	1.8	18
18	SBToolCZ: Sustainability rating system in the Czech Republic. International Journal of Sustainable Building Technology and Urban Development, 2013, 4, 46-52.	1.0	10

#	ARTICLE	IF	CITATIONS
19	National platform for LCA data on building elements in the context of the Czech Republic. International Journal of Sustainable Building Technology and Urban Development, 2012, 3, 277-284.	1.0	2
20	New trends in sustainability assessment systems “ based on top-down approach and stakeholders needs. International Journal of Sustainable Building Technology and Urban Development, 2012, 3, 256-269.	1.0	15
21	Envimat.cz “ Online Database of Environmental Profiles of Building Materials and Structures. IFIP Advances in Information and Communication Technology, 2011, , 272-279.	0.7	3
22	High Performance Concrete for Environmentally Efficient Building Structures. Key Engineering Materials, 0, 691, 272-284.	0.4	4